

From: [Biscoe, Melanie](#)
To: [Nako, Steve](#)
Cc: [Hrdy, David](#); [Hetrick, James](#); [Spatz, Dana](#); [Louie-Juzwiak, Rosanna](#); [Miller, David](#); [Bohaty, Rochelle](#)
Subject: PDP Chlorpyrifos and Chlorpyrifos Oxon All Years
Date: Friday, September 25, 2015 3:44:23 PM
Attachments: [image001.png](#)

Hi Steve,

As with the triazines (see reference emails below), EFED is working with monitoring data for Chlorpyrifos and Chlorpyrifos Oxon. For the monitoring data analysis, it would be extremely helpful to have the same parameters for these two chemicals as you provided previously for the triazines.

Would this be possible, and within what timeframe?

Thanks for letting us know. Best Regards,

Melanie Biscoe

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From: Biscoe, Melanie
Sent: Monday, July 06, 2015 1:40 PM
To: Nako, Steve <Nako.Steve@epa.gov>
Cc: Hrdy, David <Hrdy.David@epa.gov>; Hetrick, James <Hetrick.James@epa.gov>; Spatz, Dana <Spatz.Dana@epa.gov>; Louie-Juzwiak, Rosanna <Louie-Juzwiak.Rosanna@epa.gov>; Crowley, Matthew <Crowley.Matthew@epa.gov>; Tadayon, Seyed <tadayon.seyed@epa.gov>; Miller, David <Miller.DavidJ@epa.gov>
Subject: RE: PDP Access Database with All Years

Steve just a quick follow-up on this.

It looks like the Site Numbers are replicated across states (in other words, there is a site 5001 in Michigan, as well as in California, New York, etc.)

I just wanted to double check with you that this is really the case and that I'm not misinterpreting something.

Thanks for your help,

Melanie Biscoe

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From: Nako, Steve
Sent: Monday, June 15, 2015 9:27 AM
To: Biscoe, Melanie
Cc: Hrdy, David; Hetrick, James; Spatz, Dana; Louie-Juzwiak, Rosanna; Crowley, Matthew; Tadayon, Seyed; Miller, David
Subject: Re: PDP Access Database with All Years

Hi Melanie,

The SAMPID2 field contains the DATE. The table below provides an example of the different information. The tab "matching finish-untreated" uses the MID function to extract part of the field. Please call (703 960-1015; 703 609-9357) if you need assistance. -Steve

FIELD	Length	Example: MI0401125001WR
STATE	\$2.	MI
YEAR	\$2.	04
MONTH	\$2.	01
DAY	\$2.	12
SITE	\$4.	5001
COMMOD	\$2.	WR
SOURCEID		Not Applicable (only select commodities)

From: Biscoe, Melanie
Sent: Friday, June 12, 2015 12:06 PM
To: Nako, Steve
Cc: Hrdy, David; Hetrick, James; Spatz, Dana; Louie-Juzwiak, Rosanna; Crowley, Matthew; Tadayon, Seyed; Miller, David
Subject: RE: PDP Access Database with All Years

Steve (or anyone else who is in and familiar with the data set) –

Is the actual date (day and month) of the sample included somehow in the sample ID? I only see a column for the year the sample was taken, not day and month. We need those to do the time series. If I can split it out of the sample IDs that'd be great; otherwise, we would need HED to download the day and month of each sample for us...

Thanks in advance y'all!

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From: Nako, Steve
Sent: Thursday, June 11, 2015 11:23 AM
To: Biscoe, Melanie
Cc: Hrdy, David; Hetrick, James; Spatz, Dana; Louie-Juzwiak, Rosanna; Crowley, Matthew; Tadayon, Seyed; Miller, David
Subject: RE: PDP Access Database with All Years

Yes, I left the Concentrations (RES_nnn) and LODs (LOD_nnn) in the original units (CONUNIT="T") so that it would be easy to confirm the data with the PDP reports. I deleted other columns that the utility provided with those values in ppm (RES1_nnn, HLOD1_nnn); however, you will find some of those ppm statistics in the STAT1 tab. It should be self-evident....drop by if you want to discuss/confirm. –Steve

From: Biscoe, Melanie
Sent: Thursday, June 11, 2015 10:11 AM
To: Nako, Steve; Miller, David
Cc: Hrdy, David; Hetrick, James; Spatz, Dana; Louie-Juzwiak, Rosanna; Crowley, Matthew; Tadayon, Seyed
Subject: RE: PDP Access Database with All Years

Awesome! This looks like what we need exactly at first glance.

Quick question on the units - are all the concentrations and LODs reported in parts per trillion? If there are any deviations from that that you know of, please let me know.

Thanks so much for your help on this! It is immensely time-saving and helpful.

Melanie Biscoe

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From: Nako, Steve
Sent: Thursday, June 11, 2015 8:49 AM
To: Biscoe, Melanie; Miller, David

Cc: Hrdy, David; Hetrick, James; Spatz, Dana; Louie-Juzwiak, Rosanna; Crowley, Matthew; Tadayon, Seyed

Subject: RE: PDP Access Database with All Years

Hi Melanie,

The attached file contains several tabs: {Ground, Bottled, Finished, Untreated}, with each containing data for the respective type of water sample. Each row contains data for 7 chemicals: Atrazine (305), Desethyl-desisopropyl atrazine (784), Desisopropyl atrazine (785), Desethyl atrazine (964), Hydroxy atrazine (AED), Cyanazine (228), Propazine (333) and Simazine (149) in Columns T:A (CONC) and columns AB:AI (LODs). The tab=STAT1_Water contains some descriptive statistics, by chemical-type of water-year.

I believe some samples for Finished and Unfinished Water can be paired, beginning in 2004 using the SAMPID field; we can check with PDP about specific sampling protocols and help you develop a KEY field to merge the two types of data if you are interested. Also, please let me know if you prefer a different data format....I have the data in SAS tables and can reformat these tables if that would help you.

Sorry this took a bit longer than expected...thank you for your patience!

—Steve

From: Biscoe, Melanie

Sent: Thursday, June 04, 2015 12:04 PM

To: Nako, Steve; Miller, David

Cc: Hrdy, David; Hetrick, James; Spatz, Dana; Louie-Juzwiak, Rosanna

Subject: RE: PDP Access Database with All Years

Hi Steve,

Yes, I'm counting on you! I'll be out tomorrow but will need to start running w/ PDP on Monday to finalize our data sets. So if you can send it tomorrow or Monday morning that'll work out fantastically.

I can't thank you enough for your help!

Melanie Biscoe

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From: Nako, Steve
Sent: Thursday, June 04, 2015 12:01 PM
To: Biscoe, Melanie; Miller, David
Cc: Hrdy, David; Hetrick, James; Spatz, Dana; Louie-Juzwiak, Rosanna
Subject: RE: PDP Access Database with All Years

Hi Melanie,

Sorry for the late response; been busy with other stuff. If you still need assistance, I do have the PDP data in a database and can run a query to extract all of the PDP DW data for triazines and can send that to you either tomorrow or early next week....let me know. –Steve

From: Biscoe, Melanie
Sent: Wednesday, June 03, 2015 4:27 PM
To: Miller, David
Cc: Hrdy, David; Nako, Steve; Hetrick, James; Spatz, Dana; Louie-Juzwiak, Rosanna
Subject: RE: PDP Access Database with All Years

Hi David,

Thanks so much for your email. I just spoke with Dave Hrdy, too.

We are including the PDP data in the Triazine Cumulative assessment (along with other monitoring data). While it will not be used quantitatively, it will be part of our illustration of the exposure profile across the country.

What we need:

- Water data only – we will need finished, ambient, and groundwater, and identified as such.
- As for analytes, we need atrazine, simazine, propazine, all the chloro-triazine degradates, and all the hydroxy- degradates.
- For the purposes of our exposure modeling, we would assume that all the analytes are equipotent.
- For any detections below the LOQ, we would assume ½ the LOQ unless otherwise estimated (that seems consistent with what HED assumes).
- For non-detects, we would assume ½ the LOD (for HED's purposes that would be 100% Crop Treated). This is how we are treating all monitoring data, including PDP.
- We also need the following information associated with **each sample**:
 - o Date sample collected
 - o State in which monitoring location is located
 - o Monitoring location Identifier, if there are lats and longs please include that as well
 - o Non-Detect identifier column
 - o For groundwater if there is any depth to information, please include that.
 - o If there are any data indicating whether a water body is flowing (river) or static (reservoir), that would be great to have.

Thank you very much for your help with this. If you have any questions or need any additional information from us please let me know! I will be here tomorrow, but out on Friday.

Melanie Biscoe

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From: Miller, David
Sent: Wednesday, June 03, 2015 3:48 PM
To: Biscoe, Melanie
Subject: FW: PDP Access Database with All Years

Hello Melanie,

It would be helpful to know more about what you are doing with the PDP data. It's all publically available and free to use, but there may be nuances associated with it and it is unfortunately easy to use in a way that is incorrect.

Is this for a specific chemical? Or just "in general". Is it food concentrations that you are interested in? Or PDP's water sampling results?

David.

From: Biscoe, Melanie
Sent: Wednesday, June 03, 2015 3:37 PM
To: OPP EFED; OPP HED
Subject: PDP Access Database with All Years

EFED & HED,

Has anyone put together the PDP data from ALL YEARS into one access database? Please let me know.

The website only allows for download of one year at a time, which is quite unwieldy for using the data sets.

If anyone has done this and can share the resulting SINGLE database for years 1992-2013 on the H drive, that would be fantastic.

Melanie Biscoe

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